

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

**PORTAL**

USPTO

Search:  The ACM Digital Library  The Guide

random flow

THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used random flow

Found 44,056 of 171,143

Sort results by

 Save results to a Binder[Try an Advanced Search](#)

Display results

 Search Tips[Try this search in The ACM Guide](#) Open results in a new window

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale

**1 Random sampling in cut, flow, and network design problems**

David R. Karger

**May 1994 Proceedings of the twenty-sixth annual ACM symposium on Theory of computing****Publisher:** ACM PressFull text available: pdf(1.15 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**2 Better random sampling algorithms for flows in undirected graphs**

David R. Karger

**January 1998 Proceedings of the ninth annual ACM-SIAM symposium on Discrete algorithms****Publisher:** Society for Industrial and Applied MathematicsFull text available: pdf(991.83 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**3 Using random sampling to find maximum flows in uncapacitated undirected graphs**

David R. Karger

**May 1997 Proceedings of the twenty-ninth annual ACM symposium on Theory of computing****Publisher:** ACM PressFull text available: pdf(1.38 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**4 Directional antenna: On the maximum stable throughput problem in random networks**

with directional antennas

Christina Peraki, Sergio D. Servetto

**June 2003 Proceedings of the 4th ACM international symposium on Mobile ad hoc networking & computing****Publisher:** ACM PressFull text available: pdf(289.52 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We consider the problem of determining rates of growth for the maximum stable throughput achievable in dense wireless networks. We formulate this problem as one of finding maximum flows on random unit-disk graphs. Equipped with the max-flow/min-cut